



DT17 C'd PCT/PTO 18 JUL 2002
PCT

Docket No.: 43888-127

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :
Makoto UCHIDA, et al. :
Serial No.: 10/069,459 : Group Art Unit: 1745
Filed: February 26, 2002 : Examiner:
For: METHOD FOR PRODUCING A MEMBRANE ELECTRODE ASSEMBLY, AND METHOD
FOR PRODUCING A SOLID POLYMER ELECTROLYTE FUEL CELL

REQUEST FOR CORRECTED FILING RECEIPT

Commissioner for Patents
Washington, DC 20231

RECEIVED
AUG 02 2002
Technology Center 2600

Sir:

Attached is a copy of the Filing Receipt received from the U.S. Patent and Trademark Office in the above-referenced application. It is noted that the title on the official filing receipt is incorrect.. Attached is a copy of the International Published application which evidences the title should read:
METHOD FOR PRODUCING FILM ELECTRODE JOINTED PRODUCT AND METHOD FOR PRODUCING SOLID POLYMER TYPE FUEL CELL. It is requested that a corrected filing receipt be issued.

Respectfully submitted,

MCDERMOTT, WILL & EMERY


Michael E. Fogarty
Registration No. 36,139

600 13th Street, N.W.
Washington, DC 20005-3096
(202)756-8000 MEF:MCW
Facsimile: (202)756-8087
Date: July 18, 2002

RECEIVED
AUG - 6 2002
TECHNOLOGY CENTER 1700



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/069,459	02/26/2002	145	43888-127	2	15	2	

R E C E I V E D
MAY - 9 2002
MW&E

20277
MCDERMOTT WILL & EMERY
600 13TH STREET, N.W.
WASHINGTON, DC 20005-3096

CONFIRMATION NO. 3380
REPLACEMENT FILING RECEIPT

OC000000007985586

Date Mailed: 04/30/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Makoto Uchida, Hirakata-shi, JAPAN;
Junji Niikura, Hirakata-shi, JAPAN;
Hisaoaki Gyoten, Shijonawate-shi, JAPAN;
Yasuo Takebe, Uji-shi, JAPAN;
Kazuhito Hato, Osaka-shi, JAPAN;
Masato Hosaka, Osaka-shi, JAPAN;
Teruhisa Kanbara, Toyonaka-shi, JAPAN;
Atsushi Mukoyama, Yokohama-shi, JAPAN;
Hiroshi Shimoda, Yokohama-shi, JAPAN;
Shinji Kinoshita, Yokohama-shi, JAPAN;

RECEIVED
MAY - 6 2002
TECHNOLOGY CENTER 1700

Domestic Priority data as claimed by applicant

THIS APPLICATION IS A 371 OF PCT/JP01/05864 07/05/2001

Foreign Applications

JAPAN 2000-204715 07/06/2000
JAPAN 2000-204717 07/06/2000
JAPAN 2001-010649 01/18/2001

Projected Publication Date: 08/08/2002

Non-Publication Request: No

Early Publication Request: No

Title

Method for producing film electrode jointed product and method for producing solid polymer
electrolyte/fuel cell

Preliminary Class

JPL
429

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



(12) 特許協力条約に基づいて公開された国際出願

(19) 世界知的所有権機関
国際事務局



(43) 国際公開日
2002年1月17日 (17.01.2002)

PCT

(10) 国際公開番号
WO 02/05371 A1

(51) 国際特許分類:

H01M 8/02, 4/88

(21) 国際出願番号:

PCT/JP01/05864

(22) 国際出願日:

2001年7月5日 (05.07.2001)

(25) 国際出願の言語:

日本語

(26) 国際公開の言語:

日本語

(30) 優先権データ:

特願2000-204715 2000年7月6日 (06.07.2000) JP
特願2000-204717 2000年7月6日 (06.07.2000) JP
特願2001-010649 2001年1月18日 (18.01.2001) JP

(71) 出願人(米国を除く全ての指定国について): 松下電器産業株式会社 (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.) [JP/JP]; 〒571-8501 大阪府門真市大字門真1006番地 Osaka (JP).

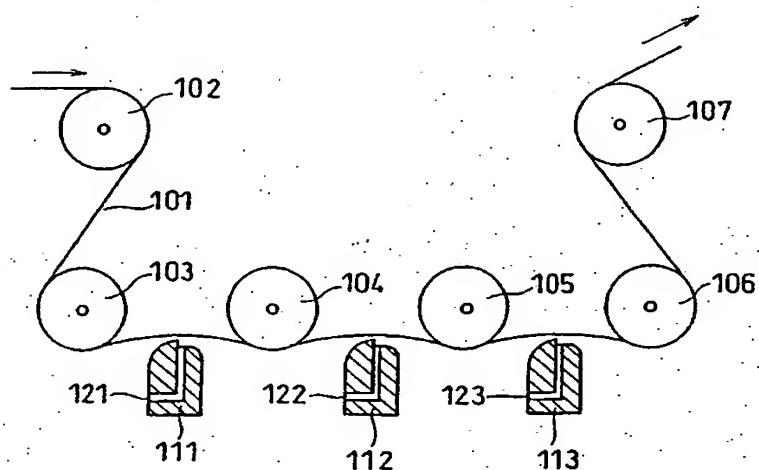
(72) 発明者; および

(75) 発明者/出願人(米国についてのみ): 内田 誠 (UCHIDA, Makoto) [JP/JP]; 〒573-1145 大阪府枚方市黄金野2-16-2 Osaka (JP). 新倉順二 (NIIKURA, Junji) [JP/JP]; 〒573-0157 大阪府枚方市藤阪元町2-27-15 Osaka (JP). 行天久朗 (GYOTEN, Hisaaki) [JP/JP]; 〒575-0013 大阪府四條畷市田原台3-10-2 Osaka (JP). 武部安男 (TAKEBE, Yasuo) [JP/JP]; 〒611-0002 京都府宇治市木幡東中16-2 Kyoto (JP). 羽藤一仁 (HATOH, Kazuhito) [JP/JP]; 〒536-0015 大阪府大阪市城東区新喜多1-2-7-2610 Osaka (JP). 保坂正人 (HOSAKA, Masato) [JP/JP]; 〒530-0043 大阪府大阪市北区天満1-19-15-901 Osaka (JP). 神原輝壽 (KANBARA, Teruhisa) [JP/JP]; 〒563-0021 大阪府池田市畠1-8-13 Osaka (JP). 向山 純 (MUKOYAMA, Atsushi) [JP/JP]. 下田博司 (SHIMODA, Hiroshi) [JP/JP]. 木下伸二 (KINOSHITA, Shinji) [JP/JP]; 〒221-8755 神奈川県横浜市神奈川区羽沢町1150番地 旭硝子株式会社内 Kanagawa (JP).

[続葉有]

(54) Title: METHOD FOR PRODUCING FILM ELECTRODE JOINTED PRODUCT AND METHOD FOR PRODUCING SOLID POLYMER TYPE FUEL CELL

(54) 発明の名称: 膜電極接合体の製造方法及び固体高分子型燃料電池の製造方法



TECHNOLOGY CENTER 1700

RECEIVED
AUG - 6 2007

WO 02/05371 A1

(57) Abstract: A method for producing a film electrode jointed product (1) for a solid polymer type fuel cell which comprises a solid polymer electrolyte film (2) comprising an ion exchange film and, arranged to be opposite to each other via the ion exchange film, a first electrode (3) and a second electrode (4) having respectively a first catalyst layer (31) and a second catalyst layer (41), characterized in that it comprises applying a coating solution containing a catalyst on a substrate film (101), to thereby form the first catalyst layer (31), applying a coating solution having an ion exchange resin dissolved or dispersed therein, to thereby form the ion exchange film, applying a coating solution containing a catalyst thereon, to thereby form the second catalyst layer (41), and at last releasing the substrate film (101) from the resultant laminate. The method allows the continuous and efficient production of the film electrode jointed product (1) for a solid polymer type fuel cell having a catalyst layer of uniform thickness and exhibiting high performance.

[続葉有]